

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for evaluating the ~~physiological~~ biological activity of ~~an external stimulus~~ a specific binding substance on living cells by means of a surface plasmon resonance analyzer, which comprises:

immobilizing the living cells on a surface plasmon resonance analyzer;

applying ~~the external stimulus~~ a flow of the specific binding substance to the living cells;

continuously measuring a primary signal, which appears upon application of the ~~external stimulus flow~~, and measuring a secondary signal, which appears after elimination of the ~~external stimulus flow~~; and

evaluating the ~~physiological~~ biological activity of the ~~external stimulus~~ specific binding substance on the cells with an indication of the secondary signal.

2. (Cancelled)